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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/298,372      | 04/23/1999  | SING BING KANG       | DEC99-34            | 1976             |

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HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
530 VIRGINIA ROAD  
P.O. BOX 9133  
CONCORD, MA 01742-9133

EXAMINER

YENKE, BRIAN P

ART UNIT

PAPER NUMBER

2614

DATE MAILED: 08/23/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action**

Application No.

09/298,372

Applicant(s)

KANG ET AL.

Examiner

BRIAN P. YENKE

Art Unit

2614

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 12 July 2002 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

**PERIOD FOR REPLY** [check either a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
  - (b) ☐ they raise the issue of new matter (see Note below);
  - (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
  - (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_

3. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.
4. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☐ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_


Claim(s) objected to: \_\_\_\_\_

Claim(s) rejected: \_\_\_\_\_

Claim(s) withdrawn from consideration: \_\_\_\_\_

8. ☐ The proposed drawing correction filed on \_\_\_\_\_ is a) ☐ approved or b) ☐ disapproved by the Examiner.

9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_

10. ~~Other Information~~ 

JOHN MILLER  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600

Continuation of 5. does NOT place the application in condition for allowance because: The applicant states that Carmeli does not compute intrinsic parameters of the camera. The examiner disagrees, Carmeli discloses that the testing device can be either the camera 12, lens 13, target 14 and light source 15, where the other components (non-testing) are high performance pre-calibrated components (col 5, line 12-23). The testing device (e.g. camera) is analyzed by computer 17 which includes an analysis unit for analyzing the performance of the system 11 and in particular of the test device therein. Carmeli, discloses in Fig 10a which shows a uniform light function 43, and the result illustrated in Fig 10b attributed to vignetting, in order to analyze/evaluate the effect of vignetting. Carmeli also discloses that the electro-optical performance of the system is determined which is equal to the product of component electro-optical performances of each of the pre-calibrated (non-tested) devices and the tested device, and extracting from the database the performance of each of the pre-calibrated devices and for determining the performance of each component and tested device. Carmeli, also discloses that in the reverse situation the analysis can be performed with the specific, limited range of components available to the user who needs to correlate the analysis software within the computer 17 to the range of components actually in his possession. Thus, Carmeli is able to load the parameters of a selected device onto the database, in the event the particular device is not stored in the database. Carmeli, discloses there are various parameters of the pre-calibrated and tested devices (col 7, line 59 to col 8 line 64), where the camera parameters include the size of the image, type of video signal standard (EIA, CCIR, PAL, NTSC, etc), aspect ratio, type of imager and pixel size, where the lens specification includes the focal length. This data is used by Carmeli in analyzing a digitized image in determining the performance of the system which is equal to the product of each component performance of at least one test device and each of the precalibrated devices. Thus Carmeli, determines the performance of the system and the tested device, based upon the analyzed digitized image and the stored data for the pre-calibrated devices and thus is able to calibrate the camera or selected test device, which was not done in prior art (col 3, line 5-13).